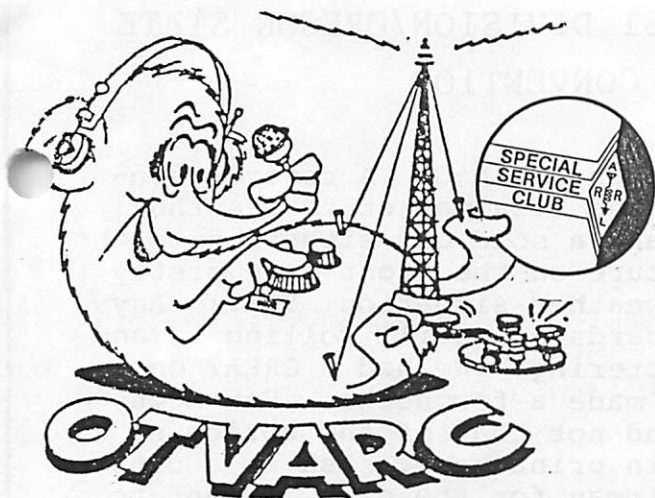




OREGON TUALATIN VALLEY



JULY 1985

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

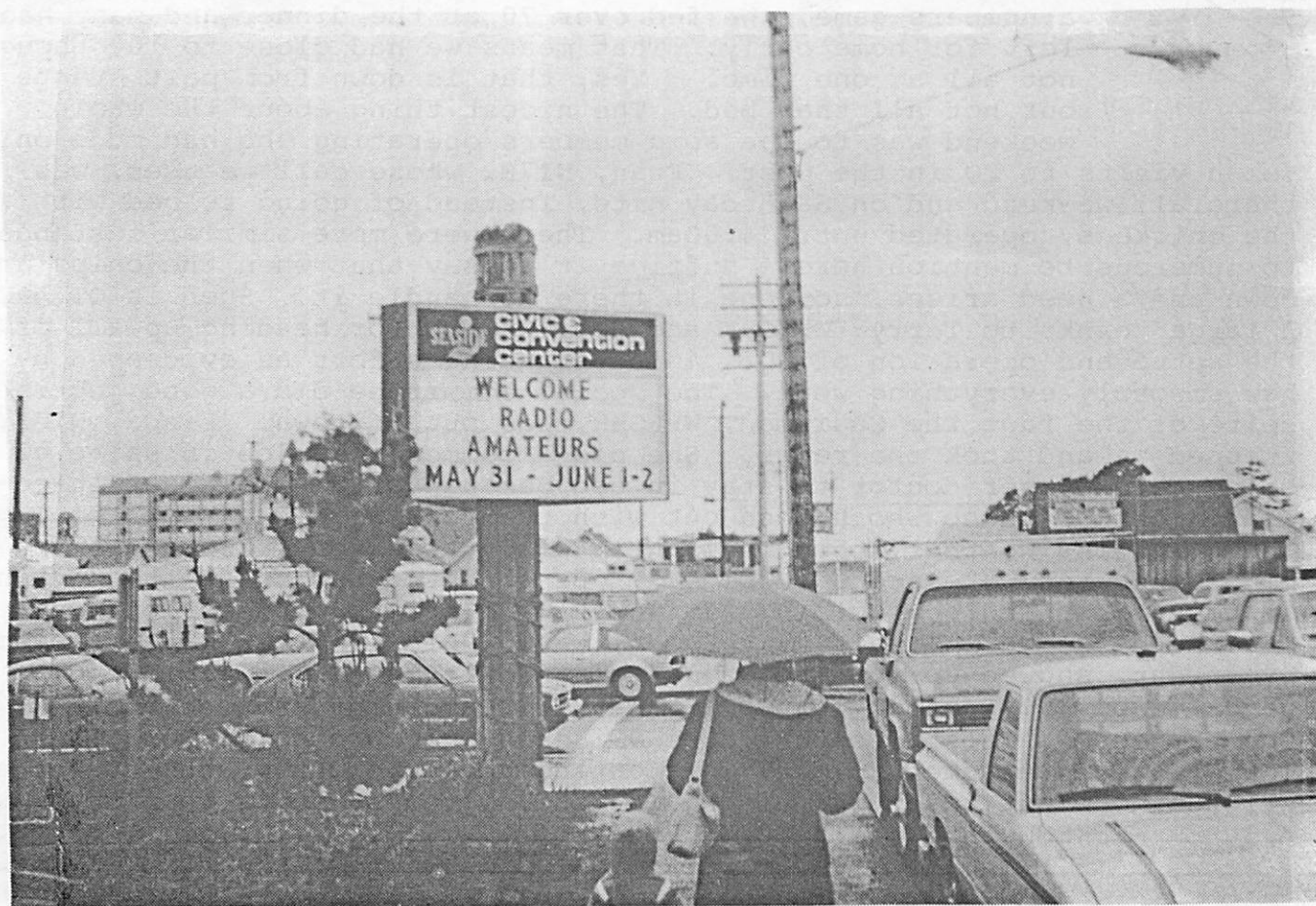
Membership: 242

CIRCULATION: 275

President:	Geno Buell	KA7KBH	Trustee:	Linda Cereghino	N7CZY
Vice-Pres:	Hanford Van Ness	KE7BB	Trustee:	Terry Biggs	WB7CHK
Secretary:	Jeff Freedman	K7JF	Trustee:	Al Berg	WB7SIC
Treasurer:	Randy Stimson	KZ7T	Trustee:	Greg Milnes	W7AGQ
			Trustee:	Dave Parker	W7LJN

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.



Aaahhhh yes, good old Oregon! What more can we say.

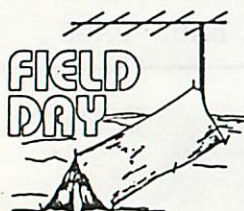
ARRL NORTHWEST DIVISION/OREGON STATE HAM CONVENTION



WOW!!! What a weekend we had. A record turnout, nearly twice the flea market tables that we had last year and a sold out situation on the banquet. The picture on the front page pretty well sums up the weather situation. YUK!! Anyway, the comment cards are still rolling in and are about 95% flattering. We had a GREAT one! Not only that, we made a few bucks. How much is our business, and not that of the worlds--so you won't see it in print here. Ask at a club

meeting. As Co-Chairman overall and Chairman for the club, I want to thank the membership for its dedication, hard work and collective support. It took a lot of people to get the job done and those who did, did it well! If you weren't able to work but paid your way in, that's support also. Everybody give yourselves a pat on the back. We have a great thing going. Each year more and more people come from farther away to take part in the convention. It appears the good words are spreading, and that, my friends, is the best advertising that no money can buy. Thank you again.

Al WB7SIC



Some of the guys and gals that show up at every FD were a little dissappointed with the turnout this year. Let's do a numbers game. We fed over 70 at the dinner and many had left for home early. That means we had close to 100 though not all at one time. Yes, that is down from past events but not all that bad. The nicest thing about the whole weekend was to see some members operating who had made only

token visits to FD in the past. Fran, NI7E, whose call we used, was there all weekend and on Saturday nite, instead of going to bed with the chickens, operated until 4:00am. There were more similar instances to numerous to mention here. Suffice it to say that when the chips are down and a need arises, someone is there to handle it. Such is OTVARC! A large thanks to Terry, WB7CHK and Dee, KA7NPN for heading up all of the setup and operation of FD. An outstanding effort as evidenced by how smoothly everything went. The social committee did a good job in spite of the fact the Chairman, WB6SHR, was out of town. Linda, N7CZY, stepped in and took the reins. She did a commendable job in spite of being told by her doctor to stay in bed because of a double ear infection. ALL of those who helped out with the cooking did a super job! YUMMY!!! The weather, though slightly windy, was very nice and a few minor sunburns were seen. CONTACTS? Be sure to show up at the meeting to hear firsthand how we did. It won't be quite as good as last year but the bands weren't either. By the way, N7BIJ, who has never stayed overnight, showed up for the whole weekend with a TENT! Will wonders never cease.....Another wonder is that WB7CHK caught several trout. The largest was a streeetched out 9 inches---according to Terry!! A lot of names attached to many interesting and humorous events could be written here but space is running out and, perhaps, so is your interest. A SUPER WEEKEND SPENT WITH SUPER PEOPLE.....

CHECK OUT THE LAST PAGE REGARDING A CONVENTION WRAP-UP MEETING. WE NEED INPUT TO MAKE THE BEST EVEN BETTER! IT CAN BE DONE!!!!!!



AMATEUR RADIO--A SELF POLICING EFFORT

What do you do when you hear a signal on UHF/VHF that is interfering with normal communications? You want to help and now you can.

Most problems just go away if no comments are made on the air but for those that persist.....

Gather the information for this form and telephone or mail it in. With several reports, the source can be localized and you will have helped.

Please report the items in the order listed and it will make it easier for our "plotters".

Thanks for your co-operation and we will report any results.

SIGNAL OBSERVATION FORM

Telephone report to Emerson, K7SGU at 289-4081 between hours of 1PM AND 9PM, or mail to 6415 N. Gay Avenue, Portland, OR 97217.

Date: Month _____ Day _____ Year _____

Frequency of Signal _____ MHZ

Time Signal Observed (Local) Hour _____ Minute _____ AM/PM _____

Direction to Signal West/SE/etc. _____ Magnetic/True _____

(Note: Magnetic reading with a compass, true readings from a map)

Relative strength of signal Weak, 20db over 9, etc. _____

Readings taken from near the intersection of following roads, streets or

highways _____ and _____ in City/Area _____

Nature of transmissions _____

Words, tones, music, sounds, carrier, etc. _____

Report Station call sign _____

(editors note) Two items of importance overlooked on the form. What kind of antenna you are using to make your report and what is its elevation.

ANTENNA MAKE AND NUMBER OF ELEMENTS (if a beam) _____ ELEVATION _____

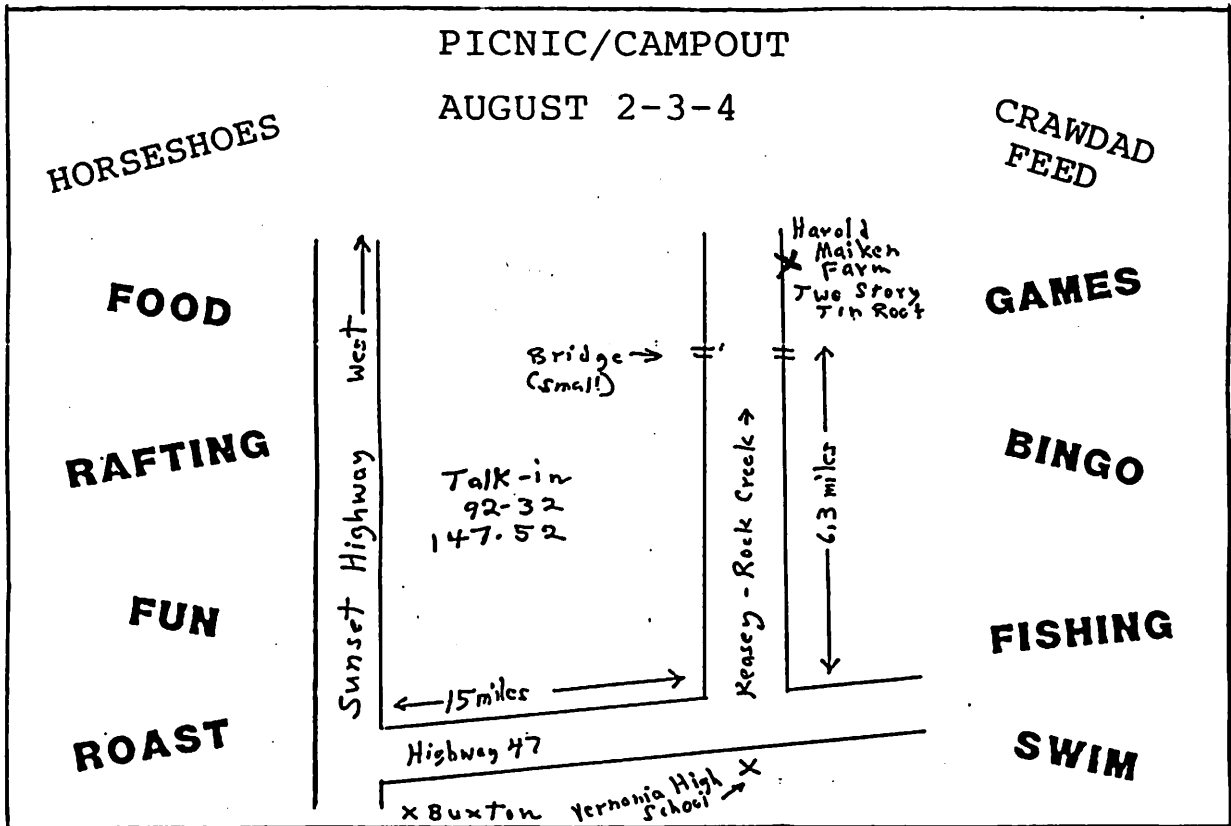
DID YOU KNOW

THAT..There are 10,000 species of Fern? THAT..The common garden Snail has 14,175 teeth in 135 rows of 105 each? THAT..The average Bee carries a full load of 12 milligrams of pollen?? THAT..More Cowboys of the Old West drowned fording swollen streams than were killed in gun fights? THAT Less than 3 per cent of all the Water on the earth is fresh? You want more???

Thanks OEN 'Netter'



ACTIVITIES



Lions Operation Phone Book Inc.



1924 Northeast 45th Avenue
Portland, Oregon 97213

Phone: 288-0148
761-9268

June 13, 1985

Gene Buell, President
Oregon Tualatin Valley Amateur Radio Club
P.O. Box 5132
Beaverton, Or. 97006

Dear Gene:

As the newly elected chairman of the Lions Operation Phone Book project, I would like to thank each member of your club for their support of the phone book project last year. Through the expertise of your group we were able to coordinate our pick up schedules and move books more efficiently than ever before.

Again I say thank you and I look forward to working with your group again this year.

Bob Miller

Bob Miller, Chairman
Lions Operation Phone Book

POTLUCK PICNIC — CAMP—OUT

WHEN: August 2-3-4. Friday, Saturday and Sunday.
WHERE: The Harold Maiken farm. Same site as field day.
TIME: Anytime on Friday until anytime on Sunday.

POTLUCK DIN-DIN WILL BE EARLY SATURDAY EVENING!! Many games for ALL ages will be held. Egg toss, balloon toss, horseshoes, penny (\$\$) scramble for the kids and K7WWG. A sack race and perhaps a kids fishing derby will be arranged. There will be lots of activity for all to take part in. If our Prez comes through, as he has in the past, we will have a red hot BINGO GAME going and, of course, some prizes for the lucky winners!!! A new treat this year will be four wheel drive rides out in the 'deep dark woods'. Most of them will be for the younger set as they get such a yelling, screaming kick out of it!! The rides will be unscheduled.

HERE IS HOW THE FOOD WILL BE HANDLED: Those with last names beginning A thru H bring a hot dish. I thru N bring a salad, O thru T a dessert and U thru Z bread, rolls and butter. YOU MUST BRING ALL OF YOUR OWN UTENSILS!! The club will furnish a keg, punch and coffee. Also, you will have to take your own garbage home. PETS MUST BE ON A LEASH AT ALL TIMES. CU there....

WELCOME



Greetings to little Benjamin Lash born Saturday, June 22. Vital statistics are: 8#2oz and 21" long. Proud parents are Jamie, N7FIU, and Cheryl.

NORTHWEST AMATEUR RADIO COUNCIL

Volunteer Examiners Committee

Portland, Oregon

is sponsoring Amateur Radio License Exams for Technician, General, Advanced and Extra at Portland Community College (Sylvania Campus) in the Science Technology (Bldg ST), at 12000 SW 49th, Portland, Oregon. Exams will be held the FIRST SATURDAY of EVERY MONTH!

TO REGISTER:

1. Complete FCC Form 610 (be sure to indicate the highest Class of License you will be attempting!)
2. Attach a copy of your Amateur Radio License (if applicable).
3. Make a check or Money Order for four (4) dollars payable to ARRL/VEC.
4. Mail all three of these to:

Randy Cobb/VE Exams

P.O. Box 5097

Aloha, Oregon 97006

5. DEADLINE - Registrations must be received 30 days prior to taking the Exam.

FOR ADDITIONAL INFORMATION:

VE Committee Members:

Armand, WA7IIM 760-2140

Ralph, WB7VGS 649-5845

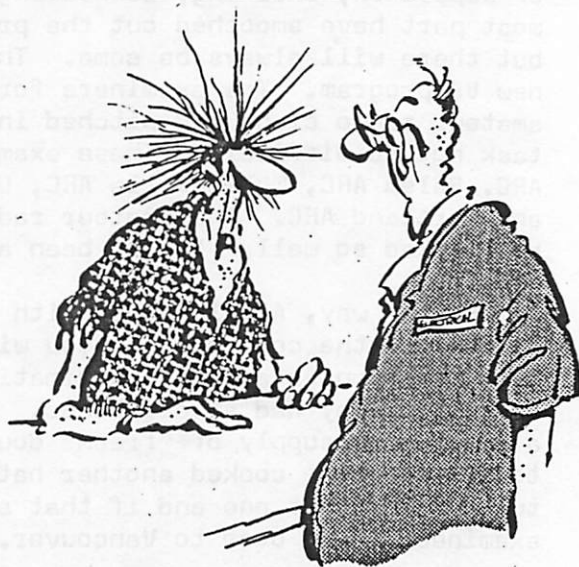
Dea, KX7T 632-4734

Lea, AL7W 777-1032

Joan, KD7YB 838-5159

Tom, KV7Y 254-8006

Rozy, KA7CED FCC Contact Liaison 255-0739



"Got any 25-amp fuses?"

CLUB CHALLENGE NEWS

We've upped the stakes. High-frequency transceivers will be given to three clubs. ARRL-Affiliated clubs are divided into three size groups; small, medium and large. In each group, the club that recruits the most new ARRL members will receive one of the following: ICOM IC-735, Heath HW-5400 or Kenwood TS-430. So in addition to the \$5 commission for every new ARRL member, your club can earn a state-of-the-art transceiver! Contact Hq. for details. (Thanks to the manufacturers that donated this equipment.)

The ARRL Letter

VE TESTING REPORT FROM SEASIDE-ARRL NORTHWESTERN DIVISION CONVENTION

June 3, 1985

Dear Al,

The convention is over for another year! From the comments heard it sounds like it was the best ever. We tested about ninety people in the church across from the convention center. The examiners started arriving at 8:00 AM and had emptied the building by 5:00 PM. There were still people from the morning session when others (walk-ins) started arriving for the afternoon session. Some of the people examined were for multiple elements so with the number of examinations given, it kept the VE teams fairly hopping. The success rate was pretty good. The most impressive was element 4A (the ADVANCED test). Fifteen people took it and thirteen passed for an 87% pass rate. The worst was element 1B (13 wpm code test). Thirty-two people took it and ten passed for a 31% pass rate. 73% passed the 20 wpm code test (of those that took it). 57% passed element 3 (Tech / General written) and 50% passed element 4B (Extra Class written).

The sessions went quite well. We ran 3 teams in the morning and 3 teams in the afternoon with many examiners serving in both sessions. The following amateurs served their fellow amateurs by conducting the sessions; K7JF, KV7Y, KZ7I, NA7T, N7BIJ, N7DOC, K7DYG, WB7UFJ, KX7W, K07B, NB7X, K7OYM, KX7T, NE7S, N7DCQ, AF7S, WB7CHK, W7AXJ, W7JOI, W7LJN, W7LRB, and KA7HJT.

Occasionally we have someone to take a test that is unhappy with the way things are run. I'm sure it is primarily due to not understanding the horrendous amount of paperwork, checking, rechecking, re-rechecking etc. The examiners for the most part have smoothed out the procedure to minimize the waiting time involved but there will always be some. The examiners have done yeoman service in the new VE program. The examiners for the two sessions came from eight different amateur radio clubs and pitched in with a spirit of cooperation to make a difficult task not so difficult. These examiners represent a combined effort from Clark Co. ARC, Salem ARC, McMinnville ARC, OTVARC, Hoodview ARC, Clackamas County ARC, ARRG, and Portland ARC. The amateur radio community can be pleased that the new program has worked so well. It has been a pleasure for me to work with this fine team of people.

By the way, Al, I helped with a testing session sponsored by the Clark County ARC before the convention. You will be interested to know those people really know how to give a radio examination. There was the usual stuff for taking the tests but they had a real bonus. Kit, N7EQD (XYL of KV7Y, Tom) had hot coffee and a continuous supply of "fresh" doughnuts. When the supply on the plate started to dwindle, she cooked another batch. There went my diet. They had a nice turnout for that one and if that sort of thing keeps up we may have a lot of examinees going over to Vancouver. Hi!!

All for now;

Randy, KA7HJT



OREGON ARRL SM REPORT

OREGON: SM, William R. Shrader, W7QMU—STM: W7VSE. SEC: N7CPA. PIO: KC7YN. SGL: KA7KSK. STC: N7ENI. OO: N7SC. Upgrades: KA7BNP W7AAI NM7Q NM7R NM7P WA7OYY K7BSS W7LPC WA7GJR (Extra); W7DID WA7TYD WB7BZT N7GOF WB7OVQ KA7OOW WA7BGF KA4DWL (Advanced); KA7PTE KA7MFK W7AOE KA7TJT (General); KA7UMB KA7TDZ KA7OZY KA7TUP KA7VCT KA7VHE KA7UMS KA7TJT KA7VEM KA7VEL (Technician); KA7VCR (Novice). I think the above list proves that the VE program is really working. Congratulations to the whole group. KO7S made DXCC/CW. KA7IPS in finals of Miss National Teenager Pageant. New YL harmonic for KA7KDU and N7FNW. New son born to WB7REC. K7DMM married at Lake Tahoe in March. N7GYZ (General) is new sightless ham—Great Work Jerry! W7DAN is Master of Reedsport Masonic Lodge. Valley Radio Club of Eugene and Willamette Valley DX Club did well in the 51st Annual ARRL Sweepstakes in Nov. 84. VE program in Central Coast area is 4th Thurs of each month at North Bay Fire Hall in North Bend at 7 P.M. Contact WA7PHI for info. KA7GNL, WA7WLY, K7GWK and K7WPC are assisting. N7EIF is new Bulletin Station in Corvallis area. Traffic: W7VSE 543, N7FLC 230, W7LRB 204, K7OVK 192, AL7W 89, N7BGW 48, KA7AID 46, W7MLM 28, WA7VTD 24, W7LNE 18, W7HLF 18. (Mar.) KX7T 25, KX7W 22

10-10 PICNIC

CITY OF ROSES CHAPTER -- 10-10 INTERNATIONAL

All interested persons are invited to attend a summer get together PICNIC which is being organized by members of the CITY OF ROSES chapter of 10-10 International.

WHEN: SATURDAY THE 27th OF JULY. 10:00 am

WHERE: MARY YOUNG STATE PARK off Hy. 43 in West Linn

This is being planned as a family affair and you are asked to bring your own food and beverages. BBQ grills are available in the park.

For further information please call John Bushell, KC7WP, at 646-9256 or join the informal "JUNKYARD" net on 28.600mhz just about every evening. Come on out and see what the faces behind the voices really look like. You don't have to belong to 10-10 to attend so pack it up and come on and have a great time.....

OTVARC
P. O. BOX 5132
BEAVERTON, OR 97006

10TH ANNUAL LANE COUNTY HAM FAIR

OTVARC
P. O. BOX 5132
BEAVERTON, OR 97006

JULY 20-21, 1985

OREGON NATIONAL GUARD ARMORY

2515 CENTENNIAL, EUGENE, OREGON

TALK IN 2 METERS 52-52 146.28/88 147.86/26

DOORS OPEN 8:00 A.M Saturday and Sunday

LICENSE EXAMS — VE TESTING — AT BOY SCOUT BUILDING

STARTING 9:00 AM SATURDAY AND SUNDAY

To register: Mail FCC form 610, copy of present license, \$4.00 check payable to ARRL/VEC and give day preference to: Robert Olson, 1450 Holly Ave, Eugene, Oregon 97401 (503) 345-8218 *Walk-ins accepted if space available*

- Major Ham Equipment Suppliers -

YL Drawings All Day Saturday - 2 Meter Bunny Hunt — Women's Activities

Computer demos Technical Seminars Swap Tables

BINGO! BINGO! BINGO!

Grand Prize

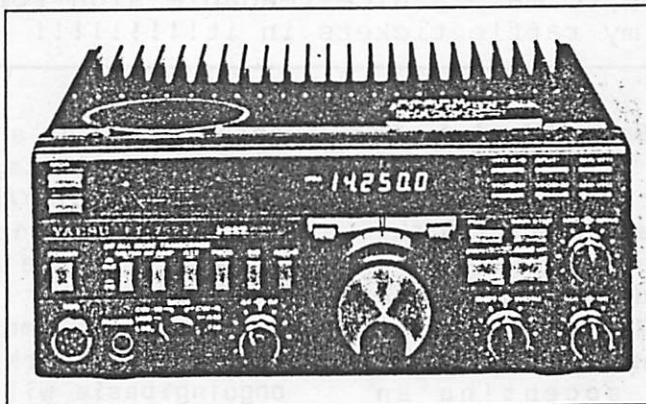
YAESU FT 757 WITH POWER SUPPLY

ALL BANDS

ALL MODES

GENERAL
COVERAGE
RECEIVER

FULL BREAK
IN CW



COURTESY OF:
**ANTRONICS OF
OREGON, INC.**
18955 S.W. Blanton
Aloha, OR 97007
(503) 642-7373

Stan Griffiths,
W7NI
Pat Griffiths,
KA7UFG

ALL DAY SNACK BAR — FREE PARKING FOR R.V.s, NO HOOKUPS

SATURDAY POTLUCK SUPPER — 6 PM

Each Family to bring hot dish AND salad or dessert

(You need not be present to win the Grand Prize — our policy requires that you are a licensed amateur or immediate family to claim any prize capable of transmitting)

REGISTRATION REQUIRED FOR ALL LICENSED AMATEURS AND ADULTS!

Tickets Postmarked BEFORE JULY 1 receive one FREE drawing ticket

MAIL TO: KT7T
BYRON RAINWATER, Treas.
PO BOX 10694
EUGENE, OREGON 97440
(503) 484-1078

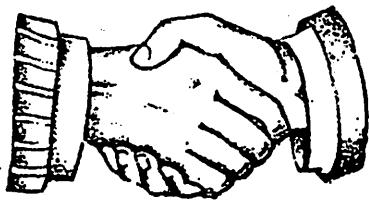
MAKE CHECKS PAYABLE TO LANE COUNTY HAM FAIR
() No of Registrations @ \$5.00 per person = _____
() No. Swap Tables (2 max.) @ \$5.00 per table = _____
Non-refundable Reservation required — LIMITED SPACE
Enclosed is check or m/o for \$ _____ TOTAL

Name _____ Call _____
Name _____ Call _____
Name _____ Call _____
Address _____ Phone _____
City _____ State _____ Zip _____

Check if RV space required ☐

OTVARC
P. O. BOX 5132
BEAVERTON, OR 97006

Pick up your tickets at registration table



WELCOMING COMMITTEE SEZ----

Hello to four new members this month. The first to be recognized is Phil Lo Piparo, N7FTE, who hails from Milwaukie and is a baking foreman by trade. Hi to Randy Stegemeyer, W7HR, from Gladstone. He is an electrical engineer. Thirdly, we welcome Rob Bartel, WAØVRI, from out Gaston way. Rob tells us he is an engineering manager and enjoys woodworking along with radio as a hobby. Wife Lynda is the homes driving force. Last but not least, greetings to Ms. Joan Vanderzanden who is working on obtaining her license to operate. Hats off to all for getting involved in a great club. You all, surely, will be an asset to our activities and purposes.....

ERROR-ERROR!!! A few issues back we had a page advertising the Mt. Hood Repeater Association and its generosity in making a FREE autopatch available to all who wish to use their machine. The word FREE is not the correct terminology. Please note the word OPEN. The autopatches in Portland, Salem and Canby are OPEN to all. Got myself in trouble on this one. Sorry guys. To help pay the phone bills pse call 639-5496...

REMINDER!!! Don't forget that when you take advantage of din-din at our Elks Lodge meetings, you get a free ticket on the evenings raffle. Their have been some nice items won with that "extra" stub. It can be profitable to join your friends at the pre-meeting dinner.....
IN ADDITION, don't forget that we have a SUGGESTION BOX up front at our meetings. What goes in it is read and acted upon. Sometimes file 13 but more often than not, adopted and used. By the way, would somebody PLEASE take the time to make a nice readable sign for the BOX so I won't keep trying to put my raffle tickets in it!!!!!!! Anybody agree??

Youth Group Joins Ham-in-Space Mission

President Reagan may play a role in this summer's Ham-in-Space project, thanks to a new relationship between the Young Astronaut Program (YAP) and the ARRL. YAP is part of the White House Office of Private Sector Initiatives. The director, Dr. Kerry Joels, is accepting an invitation to pair chapters of young people enrolled in YAP with local ham clubs, to respond to astronaut Tony England's goal of talking to the nation's youth.

YAP is said to consist of at least 50,000 school children enrolled in some 2,000 chapters nationwide. Dr. Joels indicates close ties with the League will bring Amateur Radio into his group's focus on space-oriented experimentation. Joels recently met with League Development Manager Bill Lazzaro, N2CF, and League PIO Paul Courson, WA3VJB to map out a strategy to expand public awareness of Amateur Radio.

The strategy includes methods to substantially increase private sector support for the Amateur Space Program. Joels said he has found strong corporate

enthusiasm for a proposed geostationary amateur satellite, to be used primarily by pairs of local YAP chapters and local ham clubs! The million dollar price of such a project could be entirely underwritten by a corporation!

The most immediate impact of YAP's decision to work with the League on an ongoing basis will be this summer's space shuttle Challenger flight 51-F. With YAP's list of local chapters, it becomes easy for the League to match responding groups to local ham clubs. The groups then would be given preferred uplink frequencies given only to qualified pairings. This saves the local ham clubs the trouble of seeking out an interested group of young people to take part.

YAP has a tremendous capacity to generate publicity for its own projects as well as joint projects involving Amateur Radio. For future shuttle missions, YAP is agreeing to help publicize NASA/ham club frequencies where shuttle communications are being re-transmitted. This will undoubtedly bring in SWL and scanner enthusiasts in addition to young people involved with the Young Astronaut Program.

The ARRL Letter

PUBLIC/EMERGENCY SERVICE

The month of June was a very busy month for the dedicated Public Service people of OTVARC.

June 8th we helped PARC on the Rose Festival Grand Floral Parade - N7EPE Susan, KA7RFD Lorna, KA5OLH Rick, N7DUJ Roy, KC7PS Bud and yours truly.

June 9th, the Gallivant in Lake Oswego was very interesting and much fun. Thanks to N7DUJ Roy, KC7PS Bud, KA7RFD Lorna, K0SLRH Rick, W7JWG Bert and Carol with her carrot, just waiting for her licence, KC7MY Steve helping from PARC and good ol' me.

June 23, TRASK, thanks to KA7SSX Jenny, KA7KNG Sherrill, WB7REC David, WA6KLA Neil, K7WWG Wes, N7DUJ Roy, W7JWG Bert and Carol and me again.

June 30 we helped CARES with the Cascade Run Off. Thanks to N7DUJ Roy, KA7RFD Lorna, KC7PS Bud, KA5OLH Rick, KA7KNG Sherrill, KA7SSX Jenny and guess who, yep me.

The month of July we will have at least three events. Haig Lake, the AT&T Spirit of American Run and Diet Pepsi Neighborfair Run for which we have enough volunteers.

As of June 30, OTVARC members have worked a total of 695.5 hours and have driven a total of 3,833 miles during 1985. This has been done by a total of 34 OTVARC members and there have been 14 events.

In August we have the Vernonia Black Powder event, Arctic Circle Run and Summer's End Run.

There is a total of 8 people doing the lion's share of these events, so please let me know if you can help out on some of these events and give the poor tired dedicated Public Service people a rest.

Thanks. KZ7T - Randy

FCC ALLOWS WAIVERS OF 30-DAY RULE

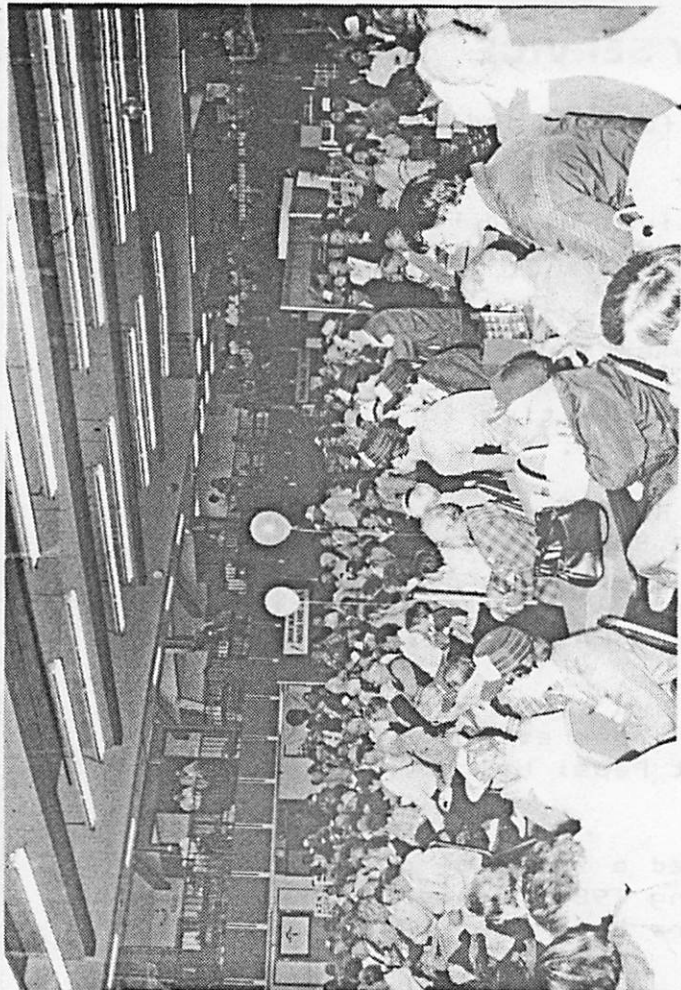
The FCC's Gettysburg licensing facility has advised us that VEC's can now approve waivers of the so called "30 day rule." Previous FCC policy held that test applicants failing examination elements could not be examined for the same or higher elements within 30 days of the date the exam element was failed.

This policy was in effect to relieve local FCC field offices of the administrative and financial burden of testing applicants more often. Since all amateur radio operator examinations are now handled by volunteers, the FCC is allowing VECs to approve waivers for "any good reason."

Larry Weikert, Chief of the Gettysburg's General Radio Branch, told us last week that a VEC can indeed approve a waiver of the 30 day rule for "any good reason." VEC's are instructed to attach a letter to the application (FCC Form 610) from the applicant stating their reason why the 30 day rule should be waived. The VEC will forward this letter along with the application to the FCC's Gettysburg licensing facility for license issuance.

I asked Weikert if a suitable reason might be that amateur radio operator tests were available in an area in less than the required 30 days... for example 25 days. He said that this was acceptable.

W5YI



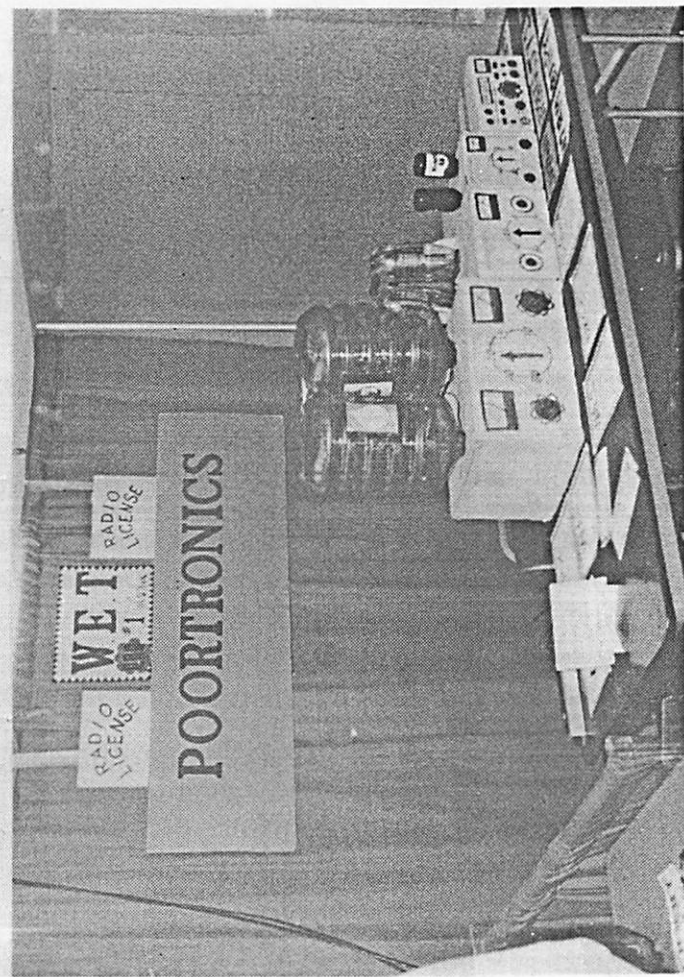
HOW ABOUT PRIZE DRAWINGS?



YOU SAY YOU DON'T LIKE CROWDS?



LARRY, KC7QV, PRETTY WELL SUMS UP
HOW THE FLEA MARKET SALES WERE!



WHAT'S THIS? 'THIS' ARE PROPS USED
IN THE BANQUET SKIT. WHAT A KICK!!

GOT SOMETHING To Sell?

Let us
give you
and



CLASSIFIED ADS

FREE!

FOR SALE

Linear amp kit which includes 4-1000 and socket.
Also has case and power supply. 1500 watts out.
MAKE AN OFFER

40' light duty crank-up tower. Comes with a 10'
mast. BRING \$100.00 AND IT'S YOURS

Heavy duty Cornell Dubilier rotor. \$75.00 or ??

Hustler 11 element 2m beam for \$29.00. Also ava-
ilable is a 30' telescoping pole. \$\$??

All of the above call Bob at 645-1416

VISIT YOUR LOCAL RADIO STORE



NORVAC ELECTRONICS

12905 S.W. BEAVERDAM ROAD
(503) 644-1025 BEAVERTON, OREGON 97005



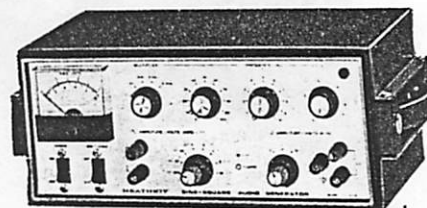
SEMICONDUCTORS
CAPACITORS
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CABLE
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CONNECTORS
TRANSFORMERS
PANEL METERS
FANS
TEST INSTRUMENTATION
TUBES
HANDTOOLS
TOOL CASES
TUBING
FUSES
BATTERIES
POWER SUPPLIES
LAMPS
CHEMICALS
SOLDER SUPPLIES

SOLDER/DE-SOLDER TOOLS
BREADBOARDS
WIRE WRAP TOOLING
KEYBOARDS
SOCKETS
SPEAKERS
POTENTIOMETERS
MICROPHONES
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Manager

516 SE Chkalov Dr. #1
Vancouver, WA 98664
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IG-5218 Sine/Square Wave Audio Generator

Designed for service and testing, the IG-5218 generates sine waves from 1 Hz to 100 kHz and square waves from 5 Hz to 100 kHz. The sine wave output, with less than 0.1% distortion, is adjustable through eight ranges from 0.003 to 10 volts and is monitored by a front panel meter. The square wave output has a 50 ns rise time and is available in three ranges up to 10 V P - P. Kit is easy to assemble. Dimensions are 5 1/8" H x 13 1/4" W x 7" D.

Kit IG-5218, Shpg. wt. 10 lbs. 139.95



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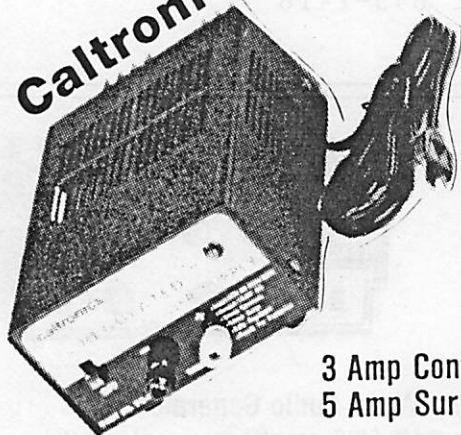
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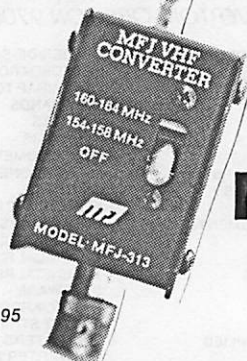


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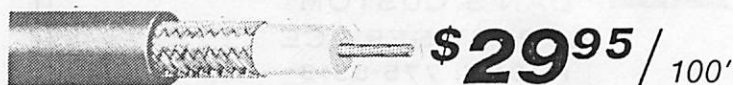
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CLUB LIBRARY RE-VISITED



Once in awhile a negative must be addressed and we now have one! For almost two years the club's Board has ignored the problem of taking up space at Antronics in Aloha. Stan is a very patient and helpful guy but it has reached the point of being ridiculous! The library consists of nearly #1000 of past issues of 73, QST, CQ and many other of that sort. Callbooks, Handbooks, technical journals, and some of them date back to the teens at the turn of the century!! Valuable? Yes!! Now either the Board or the members at large are ask-

ed to make suggestions as to the disposal of our library. It WILL be a thing of the past. Do we sell it, give it away, burn it or what? If you have an opinion, and if you read this you must, make it known!!!!!! In the meanwhile, a thank you to Stan and Pat of Antronics of Oregon for helping us out on a club project that didn't quite cut the mustard. Also, many thanks to the donators. Sorry that it didn't work out as planned. (WB7SIC)

OREGON STATE HAM CONVENTION

MAJOR PRIZE WINNERS

COMPLETE KENWOOD TS430S STATION

Bill Vandermay W7ZZ Portland

YAESU FT77 HF TRANSCEIVER

Harry Howard KA7USP Milwaukie

ICOM 3200 DUAL BANDER 2m RIG

Eleanor Johnson KA7HNO Portland
(wife of Don, W7RFV-club member)

EARLY BIRD PRIZE

Bob Hulst W7GPV Bend

SPECIAL LADIES PRIZE

(weekend for 2 at a Red Lion)

Marvel Noyes KA7TZZ Portland
(OTVARC club member)

KENWOOD TH-21AT BANQUET PRIZE

Dolores Boleen Hillsboro
(wife of Wally, KC7TB-member)

The OTVARC booth prize of a
Kenwood TH-21AT went to WB7RAP,
Nels Hanson of Portland.

KENWOOD TH-21AT SECURITY PRIZE

Bert Schmidt W7JWG OTVARC

ORANGE COUNTY HAMS WIN

EXEMPTION FROM \$1200 TOWER FEE

In a dramatic turnaround, the Orange County, California, Board of Supervisors has exempted licensed radio amateurs from a new antenna ordinance that requires a costly "use permit" for any antenna more than 45 feet high in many residential areas of the county. The new antenna ordinance now applies to amateurs only when their antennas exceed 70 feet in height.

Under the new ordinance, anyone except a licensed amateur must pay fees of up to \$1200 for permission to put up any antenna that is more than 10 feet above the height limit for buildings (35 feet in most residential areas). The original ordinance contained no exemption for amateurs. When Orange County amateurs became aware of the ordinance, they were quick to act. Frank McGill, the county planner who drafted the original ordinance, listened to the amateurs' concerns and agreed to draft an amended version of the ordinance that would allow amateurs to put up antennas as high as 70 feet without going through the "use permit" process.

With about 50 amateurs present, the Planning Commission approved the amended version of the ordinance on April 29, and the entire package of zoning code amendments (including the modified antenna ordinance) was approved by the county Board of Supervisors on May 8.

Perhaps a key factor in county officials' willingness to amend the antenna ordinance was the fact that no one appeared at either meeting to speak against the 70-foot provision for licensed amateurs. The local amateurs, on the other hand, conducted an extensive campaign to educate county officials about Amateur Radio. (Tnx N6NB) The ARRL Letter



UPSY GRADES: Got all messed up and lost my notes for this section and the only one I can remember was N7GMS, Mike Farrell, who went up to advanced from general. How about an update, from someone in the know. Would like to get caught up with the August issue. Congratulations to Mike.....

A BIG THANKS: Hats off to the few club members who are helping out by advertising in the newsletter. A few bucks a month may not seem like much but it adds up and we appreciate it. Thanks to Kirk, WB7-PXZ, Dan, KR7Z, Jeff, KQ7I and to Jim, KA7TAC. How about a few more in-club advertisers???

NORTHWEST AMATEUR RADIO COUNCIL: It appears that the guiding light behind the VE testing in our area has stopped shining!! The ARRL National Convention is also under the name of the NARC. What happened? The terms of officership are for one year and elections are to be held in June at the Convention. Only two people showed up at the meeting! Bob Orr, KB7CC, our club representative and Bob Sauter, KA7AHF, the outgoing president of the NARC. Why? You would have to ask the past administration about that. Mailed notices of the meeting would have helped! What now? Who knows. All we know is that OTVARC was ready, willing and able to do it's duty.....

♥ MODIFICATIONS ♥

For those amateurs that own one of the FT-101 series of transceivers (up to the EE series) and have found it hard to purchase the Japanese finals recommended in the service manual, don't despair, the following modification and associated adjustments will allow use of U. S. made final tubes. No change is necessary to the driver tube. The following modification is taken from FT101 series neutralization circuit update CA:205A by the Yaesu Electronics Corporation.

1. Disconnect the transceiver from its power source, and connect the unit to a 50 ohm dummy load. Remove the top case cover, and then remove the top cover of the final compartment. Discharge any high voltage by shorting across the plates of the tubes to ground.
2. Remove the present 100 pf 1KV mica capacitor at C125, and replace it with a 5 pf 1KV ceramic capacitor. Reinstall the top cover of the final compartment.
3. Reconnect the transceiver to its power source. Set the bandswitch to 10B (29.0 MHz), and turn on the power. Set the mode switch to USB, and the PO/IC/ALC switch to IC.
4. With the mic gain pot fully counterclockwise, key up the transceiver to check bias. If necessary, adjust VR1 on the Regulator/Calibrator Unit for a reading of 60ma while the unit is keyed.
5. Now set the mode switch to TUNE. Set the preselector to 10 meters, and the carrier control at "6". Set the plate and loading controls for a nominal output, then adjust TC27 (neutralization capacitor) for maximum power output (peak) at minimum current (dip).
6. Reinstall the top case cover: and modification is now complete.

COURTESY OF THE
ANCHORAGE ARC

MEETING PROGRAM



This months program has a rather long introduction so hold on, here we go. Major Stovel of the US Air Force Reserve Helicopter Operations office of the 304th Aerospace Rescue and Recovery Squadron (puff, puff) will be giving us an audio visual program based on, what else, rescue and recovery!!! The major will have the support of slides, which always makes a program more interesting. This is kind of funny in that yours truly just took his very first helicopter ride earlier today. What a gas!!! Anyway, as hams we should, by nature, be interested in this type of thing. Emergency services certainly can and, quite often does, involve search and rescue. Hope to see you all there. I wouldn't miss this one for anything!!!!

BETCHA DIDN'T KNOW

Marlon Brando is a ham! Not in the acting sense but on the air. His stateside call is WA6RBU, and his Polynesian call is FO8GJ. I learned this several years ago when a good friend told me of a QSO with him. My friend had been talking with a guy about special septic disposal systems when FO-8GJ broke in. Waste disposal is a problem on small islands and of course, Brando owns and lives on one. His real name is Martin Brandeau and his USA address is Mulholland Drive in Beverly Hills. He has given up acting and has been spending a lot of time on the air. If you run across 'Martin', play it cool. He is a very private person. QSL???? WB7SIC



STOLEN RADIO REPORT

ICOM 245 with SB. Serial #3812 ODL on case. Judy at 771-4667

Yaesu FT208R. Serial #2K210462 Bob at 656-4554

Kenwood 7950 & MC46 mic. Serial #4050280. Call Portland Radio at 228-8647

ICOM 2AT. Serial #44650. Ron Gould, KD7RJ.

Yaesu FT290R all mode 2m rig. Serial #1H031820 + a Mirage B108 amp with remote control head. Win Tatro at 246-9865.

Kenwood TS130 and AT130 tuner. Inscribed with ND 0530200273. Call Portland Radio at 228-8647.

Yaesu 227R 2m rig and Motorola speaker. Name on inside and outside of case. Call Andy, WB7RKY, at 760-3873.

Kenwood TR7400 #640351-Z If you have info please call Brice Woodall at 239-4072. No further information is available on the gear.

ICOM 4AT with BP2 battery. SN 15502003. Lost on Mt. Hood ski lift. If found please call Don Webber at 981-7310 eves or 255-8634 days.

Kenwood TR2500. SN 4090053. Call Gary Ward at 295-6422 days or 761-9540 evenings.

Kenwood TR2400. SN 1070159. Has call letters and ODL # under belt clip. Call Larry Welding, KJ7U, at 666-2334.

Kenwood TM201A. SN 4040994. The owner is Richard Ellis, 2318 NE Minnihaha Street, Vancouver, WA. 98665. No phone! Call Port. Radio.

WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Randy Stimson	KZ7T	297-1175
	Bud Butterfield	KC7PS	649-1523
*CLUB CONTESTS	Jeff Freedman	K7JF	297-7965
*PROJECT NITE	Terry Biggs	WB7CHK	648-3687
*TECHNICAL	Dee Lynch	KA7NPN	646-4580
*CLUB RAFFLE	Jim Ziegler	KA7TAC	246-2539
*MEETING PROGRAMS	Hanford Van Ness	KE7BB	246-7975
*CLUB SOCIALS	Paul Lucas	WB6SHR	641-8713
*EMERGENCY SERVICE	Willis Raines	N7DZR	292-1656
*TRAINING (classes)	Randy Cobb	KA7HJT	649-5066
*WELCOMING	Doug Bull	N7CDI	649-4540
*PUBLIC RELATIONS	Randy Stimson	KZ7T	297-1175
CLUB JACKETS	Dave Parker	W7LJN	639-7020
CLUB BADGES	Jeff Freedman	K7JF	297-7965
ROSTER CHANGES	''	''	''
ARRG INFORMATION	Warren Winner	W7JDT	644-0752
CLUB SCRAPBOOK	Doc Miller	KA7BSD	''
ARRL MEMBERSHIP	Randy Stimson	KZ7T	297-1175
ARRL LEGAL COUNSEL	Stan Weinstein	KX7Y	635-6883
CONVENTION (Oregon)	Al Berg	WB7SIC	640-5456
NEWSLETTER	''	''	''
ARRL LIAISON	''	''	''

* (indicates committee)

CLUB ARRL APPOINTEES

ARES District Emergency Co-ordinator	KZ7T	297-1175
ARES Washington County Co-ordinator	N7GMS	246-5007
ARRL 1988 National Convention Chm.	WB7SIC	640-5456

CONVENTION WRAP-UP MEETING.....

The meeting will be held at Ginos' Pizza parlor on Cedar Hills Blvd.. Time, if you intend to eat is 6:30 or before. I would like to get the meeting going by 7:00. The date is July 16, a Tuesday. Please mark a calendar so as not to miss a means of helping improve our convention. CU there?? WB7SIC



HAVE A

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DAY

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